Queens College
Computer Science Department

CS 212 – Spring 2019 – Project 3

Assigned: 5 November 2020
Due: 20 November 2020
Cutoff: 25 November 2020

Create a File Menu in your GUI

Add a file menu to your WordGUI with options to open any file for reading (and displaying the file as in Project 2), and one to Quit the program. You will need a FileMenuHandler class to handle the events from the FileMenu. Be sure to use getAbsolutePath() when getting the file from the JFileChooser, not getName().

Handle Exceptions

Create an exception called IllegalWordException (by extending IlegalArgumentException as shown in lecture) and have the constructor of the Word throw it. Use a try/catch statement to catch this exception in your program, and show the erroneous Words in the GUI as usual.

Use ArrayLists

Use an ArrayList to store the unsorted, sorted and erroneous words. You can use the Collections.sort() method to sort the ArrayList rather than selection sort. (Check the tutorial under Lectures and Readings on Blackboard.)

Create a jar file called **Project3.jar** and submit that to Blackboard by the due date for full credit.